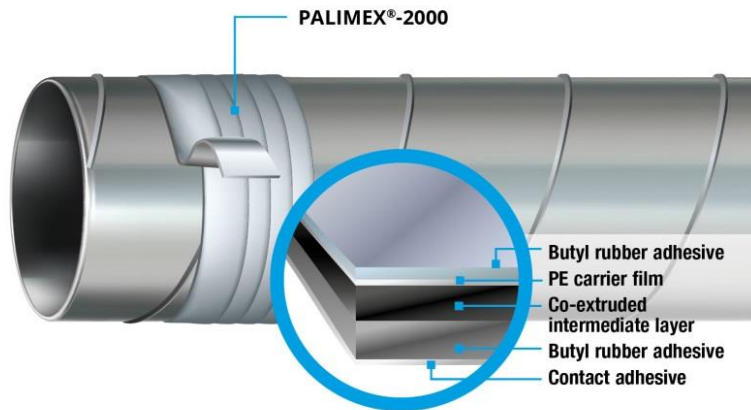







# PALIMEX®-2000

## Product Information



### Special Advantages:

-  For temperatures up to +75°C (+167°F).
-  Reliable sealing at up to 5000 Pa overpressure.
-  Fire rating 2, non-drip.
-  UV-stabilized. Can be painted over.
-  Suited to visible installation, due to appealing silver-grey appearance.

## Co-extruded, 3-ply butyl rubber tape (cold-shrink tape) for use in sealing ventilation pipes.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

### Description

**PALIMEX®-2000** is a genuine **co-extruded 3-ply sealing tape** with a butyl rubber coating on both sides and an inner polyethylene carrier film. Thanks to its 3-ply design, PALIMEX®-2000 adheres very well in the overlapping area and forms a dense coating. As an installation aid, PALIMEX®-2000 is equipped with a pressure-sensitive adhesive coating that ensures a quick and reliable bond to many substrates such as PVC, PE, steel and galvanized sheeting.

PALIMEX®-2000 is also characterized by **outstanding tape flexibility** and a **very large** service temperature range. Thanks to its great strength and high elastic recovery, PALIMEX®-2000 enables bonding between flexible aluminum pipes and spiral ducting (e.g.) without screw fasteners being required.

On account of these characteristics, PALIMEX®-2000 is ideally suited for sealing work in HVAC applications, **both in new construction**

### projects and for retroactive sealing work.

Due to its silver-grey appearance, PALIMEX®-2000 is camouflaged in the metallic color of the ventilation pipes, which also makes it ideally suited for visible installations. Reducers, screw fittings and pipe junctions can also be wrapped without any folds. In applications where a metallic finish is not desirable, PALIMEX®-2000 can be painted with many industry-standard paints.

## Processing

When sealing butt joints, prepared tape lengths can be used as specified in the table. For visible installations, avoid locating the tape start directly

in the field of view. Pre-stretch **PALIMEX®-2000** by about 10% and apply to the dry pipe surface. For a single-layer wrap, give the tape at

least a 10 cm overlap and ensure it is unstressed before pressing into place.

Pipe diameter	Recommended tape width [mm]	Precut length [mm]
80	50	370
100	50	430
125	50	500
150	50	560
160	50	600
200	50	715
250	50	875
300	50	1025
315	50	1075
355	50	1200
400	50	1340
500	50	1655
560	75	1900
600	75	2050
630	75	2150
710	75	2350
800	75	2750
900	75	3050
1000	75	3350
1250	75	4150
1400	75	4650

## Typical product properties

Properties	Unit	Typical value	Test method
Tape thickness	mm	≥ 0.63	-
Outer layer thickness	mm	≥ 0.03	-
Carrier film thickness	mm	≥ 0.08	-
Butyl rubber coating thickness	mm	≥ 0.46	-
Pressure-sensitive adhesive thickness	mm	≥ 0.06	-
Tensile strength	N/cm	≥ 10	DIN 30672
Elongation at break	%	≥ 500	DIN 30672
Building material class	-	B2 (normally inflammable)	DIN 4102-1
Fire rating	-	E (normally inflammable, non-drip)	EN ISO 11925-2
Application temperature	°C (°F)	-15 to +50 (+5 to +122)	-
Operating temperature	°C (°F)	-40 to +50 (-40 to +122)	-

## Ordering information and packaging

	Diameter of inner core [mm]	Width [mm]	Length [m]	Area/roll [m²]	Contents per box			
					Number of rolls	Tape area [m²]	Total tape length [linear meters]	Weight (kg) (approx.)
<b>PALIMEX®-2000</b>	41	50	15	0.75	12	9.0	180	7.0
		100	15	1.5	6	9.0	90	7.0

Other dimensions available on request.

## Storage

When stored in its original, unopened packaging, **PALIMEX®-2000** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +50°C (+122°F)

Store in a dry location and do not rest anything against the front of the product.

### DENSO GmbH

Felderstrasse 24 | 51371 Leverkusen | Germany  
Phone: +49 214 2602-0 | [info@denso-group.com](mailto:info@denso-group.com)  
[www.denso-group.com](http://www.denso-group.com)

Our product information, application recommendations and other printed publications provide advice to the best of our knowledge and indicate our level of knowledge at the time of printing. The content is not legally binding. Therefore, no liability is assumed for incorrect and missing advice. The applicator is obliged to check the suitability and possibility of application for the intended purpose. Unless otherwise specified, all of the brands named are trademarks of DENSO, at least registered in Germany, which are protected by law.

Only our general terms and conditions of sale, which you will find at [www.denso-group.com](http://www.denso-group.com), apply. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation, the German text of the respective German product information, which is available at [www.denso-group.com](http://www.denso-group.com), shall be decisive. The legal relationship shall be governed by German law.